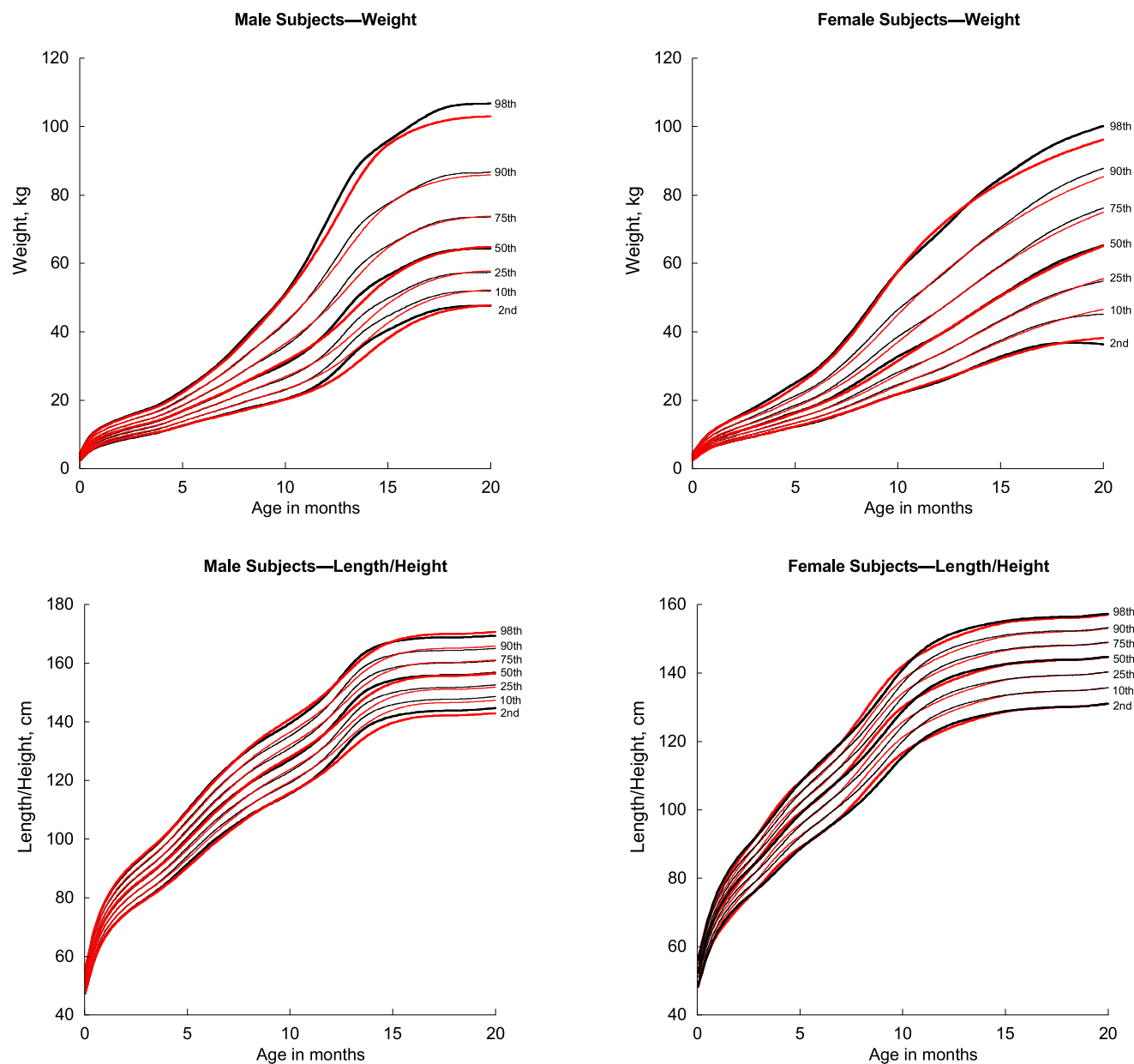
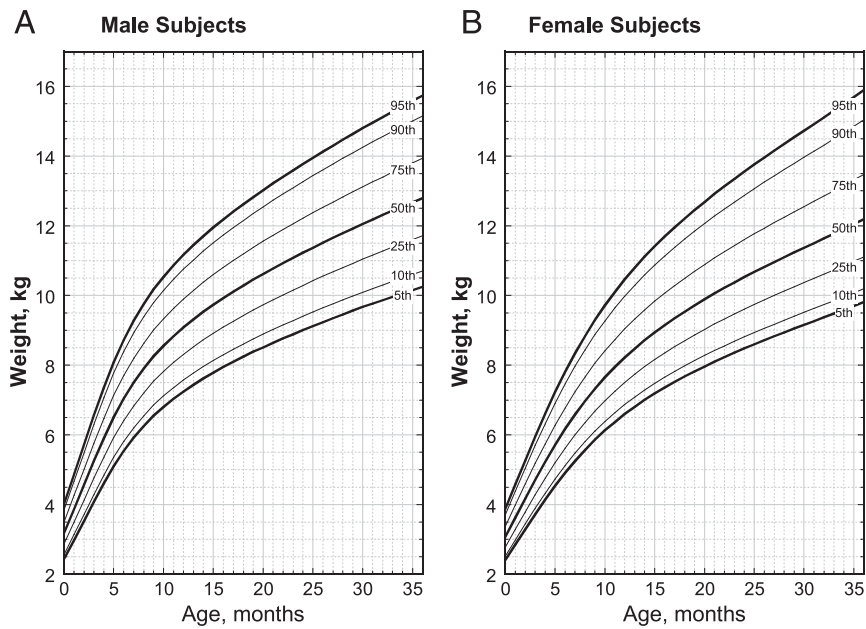


Supplemental Information



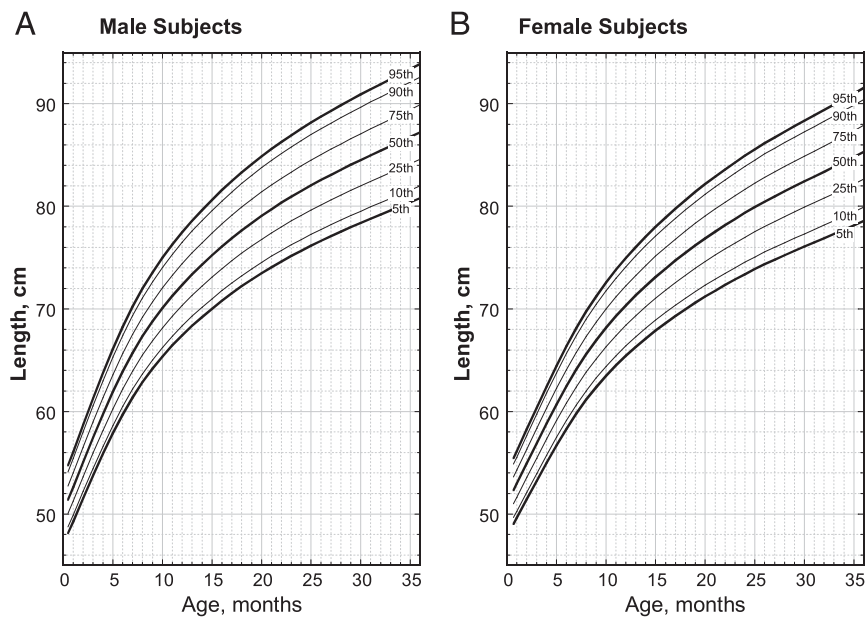
SUPPLEMENTAL FIGURE 3

Comparison of DSGS curves for male and female subjects for length/height in centimeters and weight in kilograms using multiple observations per subject (complete sample) versus a single observation per subject (baseline visit only). Curves with black lines use measures from first visit only (1 observation per participant). Curves with red lines use measures from all visits (multiple observations for most participants).



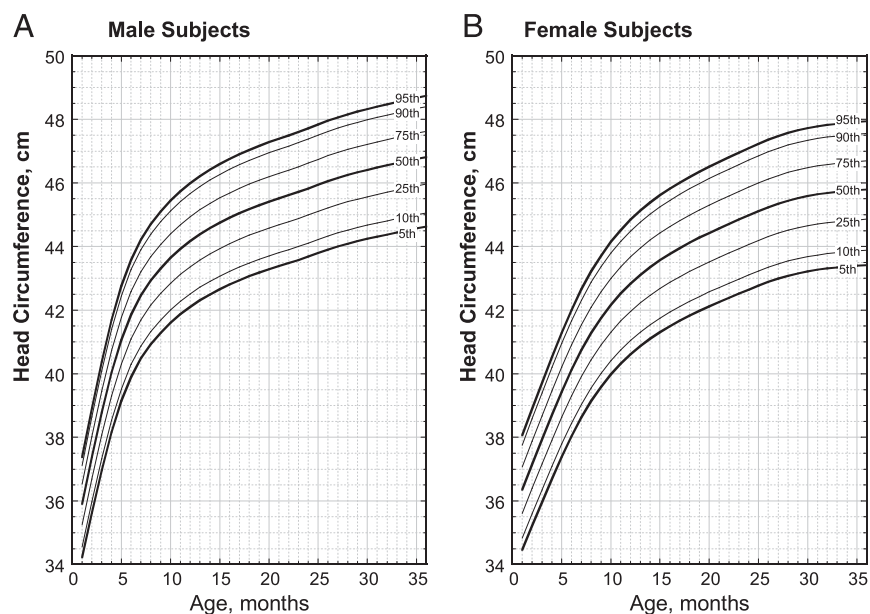
SUPPLEMENTAL FIGURE 4

Weight in kilograms for male and female subjects, birth to 36 months of age. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.

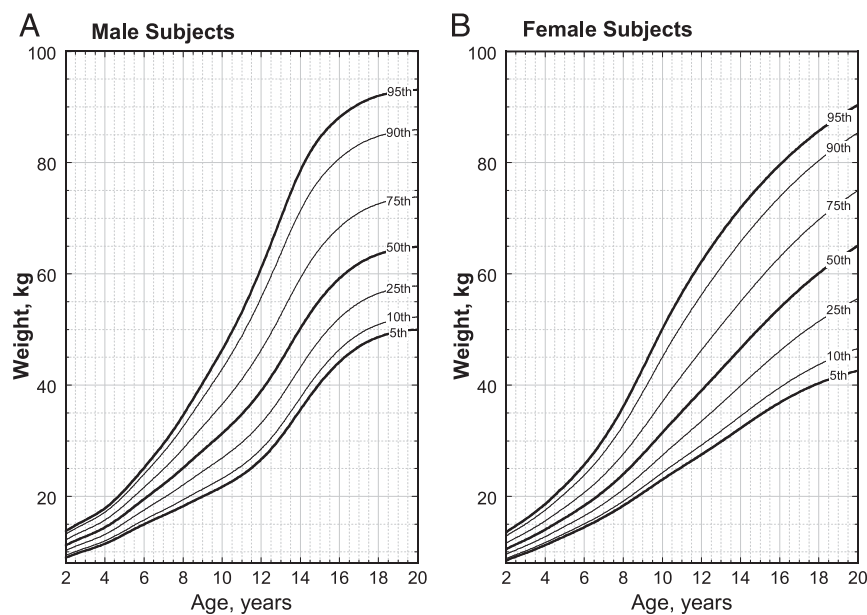


SUPPLEMENTAL FIGURE 5

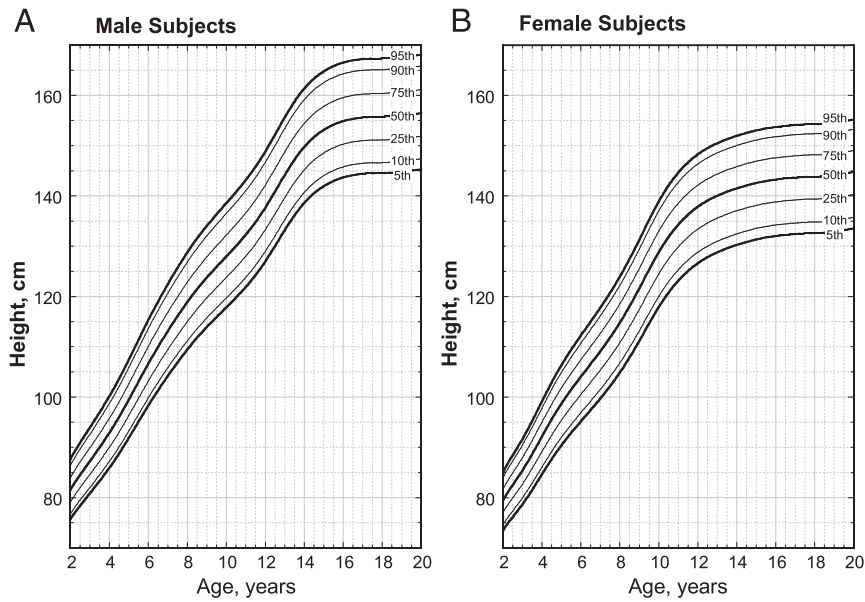
Length in centimeters for male and female subjects, birth to 36 months of age. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.

**SUPPLEMENTAL FIGURE 6**

Head circumference in centimeters for male and female subjects, birth to 36 months of age. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.

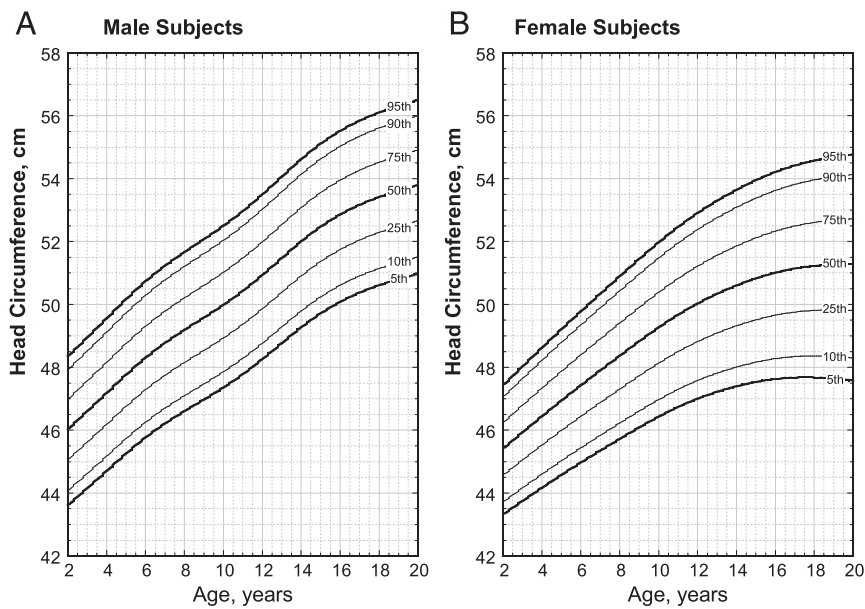
**SUPPLEMENTAL FIGURE 7**

Weight in kilograms for male and female subjects, aged 2 through 20 years. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.



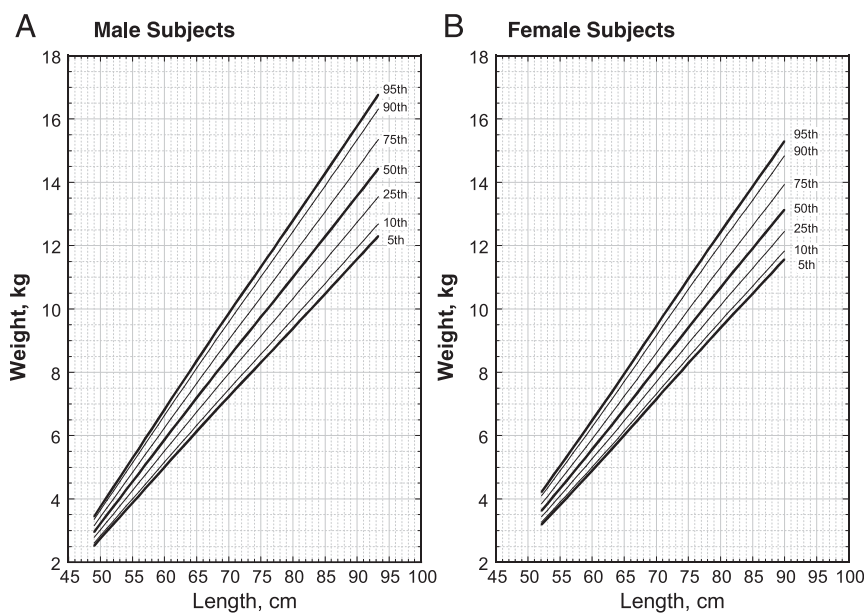
SUPPLEMENTAL FIGURE 8

Height in centimeters for male and female subjects, aged 2 through 20 years. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.

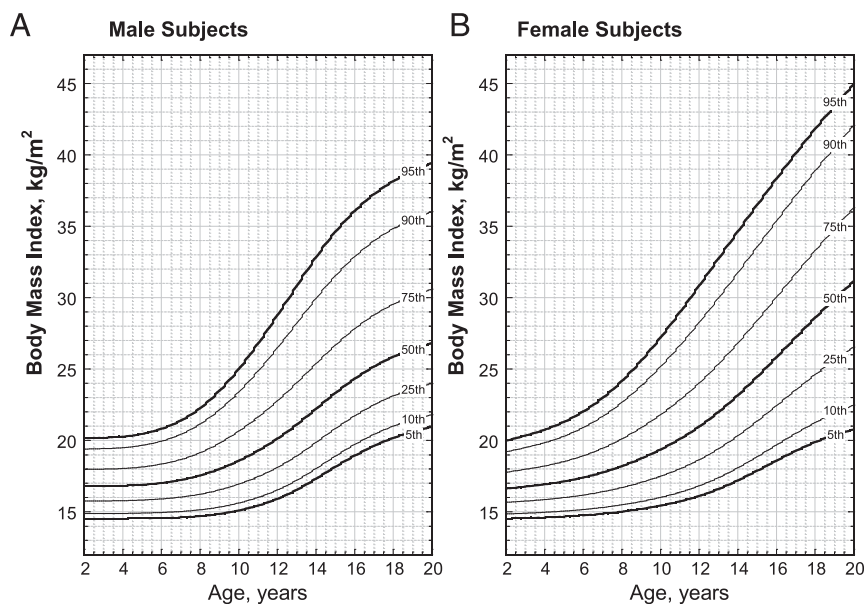


SUPPLEMENTAL FIGURE 9

Head circumference in centimeters for male and female subjects, aged 2 to 20 years. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.

**SUPPLEMENTAL FIGURE 10**

Weight (in kilograms)-for-length (in centimeters) for male and female subjects, birth to 36 months of age. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.

**SUPPLEMENTAL FIGURE 11**

BMI for male and female subjects, aged 2 to 20 years. Shown are the fifth, 10th, 25th, 50th, 75th, 90th, and 95th percentiles.

SUPPLEMENTAL TABLE 3 Characteristics of Children With DS Enrolled in DSGS, January 2010 to July 2013 (*N* = 637)

	Participants, <i>n</i> (%)	Observations, <i>n</i> (%)
Sex		
Male	324 (51)	786 (52)
Female	313 (49)	734 (48)
Age at enrollment		
0–12 mo	89 (14)	199 (13)
>12–36 mo	73 (11)	340 (22)
>3 y	475 (75)	981 (65)
Race/ethnicity		
Non-Hispanic white	464 (73)	1099 (72)
Non-Hispanic black (or African American)	68 (11)	150 (10)
Hispanic	58 (9)	146 (10)
Other ^a	47 (7)	125 (8)
Geographic residence ^{b,c}		
Pennsylvania	352 (57)	
New Jersey	180 (29)	
Texas	21 (3)	
New York	16 (3)	
Other states	53 (9)	
Recruitment site ^c		
CHOP	512 (82)	1368 (90)
Other sites	118 (19)	144 (10)
Number of visits per participant		
Only 1 visit	239 (38)	239 (16)
2–3 visits	289 (45)	738 (48)
4–6 visits	93 (15)	427 (28)
≥7 visits	16 (2)	116 (8)
Selected common comorbidities ^c		
Atrioventricular canal defect	88 (15)	227 (15)
Atrial septal defect	97 (16)	236 (16)
Ventricular septal defect	125 (21)	318 (22)
Patent ductus arteriosus	95 (16)	261 (18)
Tetralogy of Fallot	13 (2)	35 (2)
Other heart conditions	82 (13)	428 (16)
Pulmonary hypertension	32 (5)	87 (6)
Hypothyroidism	125 (21)	240 (16)
Hyperthyroidism	14 (2)	30 (2)
Prematurity		
<37 wk gestational age	82 (14)	213 (15)
<34 wk gestational age	40 (7)	86 (6)

^a Other includes Asian, Native American, mixed race, and refused to report.

^b Data not collected at follow-up visits.

^c Information not available for all participants.

SUPPLEMENTAL TABLE 4 Weight (Kilograms) for Age for Girls With DS, Ages Birth to 36 Months

Age (mo)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
0	0.192	3.069	0.145	2.3	2.4	2.5	2.8	3.1	3.4	3.7	3.9	4.1
1	0.131	3.623	0.144	2.7	2.8	3.0	3.3	3.6	4.0	4.4	4.6	4.8
2	0.071	4.171	0.143	3.1	3.3	3.4	3.8	4.2	4.6	5.0	5.3	5.5
3	0.012	4.706	0.143	3.5	3.7	3.9	4.3	4.7	5.2	5.7	5.9	6.3
4	−0.045	5.220	0.142	3.9	4.1	4.3	4.7	5.2	5.7	6.3	6.6	6.9
5	−0.100	5.706	0.141	4.3	4.5	4.7	5.2	5.7	6.3	6.9	7.2	7.6
6	−0.152	6.161	0.141	4.7	4.9	5.1	5.6	6.2	6.8	7.5	7.8	8.2
7	−0.201	6.582	0.141	5.0	5.2	5.5	6.0	6.6	7.2	8.0	8.3	8.8
8	−0.248	6.968	0.140	5.3	5.6	5.8	6.4	7.0	7.7	8.4	8.8	9.3
9	−0.291	7.323	0.140	5.6	5.9	6.1	6.7	7.3	8.1	8.9	9.3	9.8
10	−0.331	7.648	0.140	5.9	6.1	6.4	7.0	7.6	8.4	9.3	9.7	10.3
11	−0.368	7.947	0.140	6.1	6.4	6.6	7.3	7.9	8.7	9.6	10.1	10.7
12	−0.402	8.223	0.140	6.3	6.6	6.9	7.5	8.2	9.0	10.0	10.5	11.1
13	−0.434	8.478	0.140	6.5	6.8	7.1	7.7	8.5	9.3	10.3	10.8	11.4
14	−0.463	8.716	0.140	6.7	7.0	7.3	8.0	8.7	9.6	10.6	11.1	11.8
15	−0.490	8.939	0.140	6.9	7.2	7.5	8.2	8.9	9.8	10.9	11.4	12.1
16	−0.515	9.148	0.140	7.0	7.4	7.7	8.4	9.1	10.1	11.1	11.7	12.4
17	−0.539	9.346	0.140	7.2	7.5	7.8	8.5	9.3	10.3	11.4	12.0	12.7
18	−0.561	9.535	0.140	7.3	7.7	8.0	8.7	9.5	10.5	11.6	12.2	12.9
19	−0.582	9.716	0.140	7.5	7.8	8.1	8.9	9.7	10.7	11.8	12.5	13.2
20	−0.601	9.889	0.141	7.6	8.0	8.3	9.0	9.9	10.9	12.1	12.7	13.5
21	−0.620	10.056	0.141	7.8	8.1	8.4	9.2	10.1	11.1	12.3	12.9	13.7
22	−0.637	10.217	0.141	7.9	8.2	8.6	9.3	10.2	11.3	12.5	13.1	13.9
23	−0.654	10.374	0.141	8.0	8.4	8.7	9.5	10.4	11.4	12.7	13.3	14.2
24	−0.670	10.526	0.141	8.1	8.5	8.8	9.6	10.5	11.6	12.9	13.6	14.4
25	−0.686	10.674	0.142	8.2	8.6	8.9	9.7	10.7	11.8	13.1	13.8	14.6
26	−0.700	10.819	0.142	8.4	8.7	9.1	9.9	10.8	11.9	13.3	14.0	14.8
27	−0.715	10.960	0.142	8.5	8.8	9.2	10.0	11.0	12.1	13.4	14.2	15.1
28	−0.729	11.098	0.142	8.6	8.9	9.3	10.1	11.1	12.2	13.6	14.3	15.3
29	−0.742	11.235	0.143	8.7	9.0	9.4	10.2	11.2	12.4	13.8	14.5	15.5
30	−0.755	11.370	0.143	8.8	9.2	9.5	10.4	11.4	12.6	14.0	14.7	15.7
31	−0.768	11.504	0.143	8.9	9.3	9.6	10.5	11.5	12.7	14.1	14.9	15.9
32	−0.781	11.639	0.143	9.0	9.4	9.7	10.6	11.6	12.9	14.3	15.1	16.1
33	−0.794	11.774	0.144	9.1	9.5	9.8	10.7	11.8	13.0	14.5	15.3	16.3
34	−0.807	11.911	0.144	9.2	9.6	10.0	10.9	11.9	13.2	14.7	15.5	16.5
35	−0.819	12.049	0.144	9.3	9.7	10.1	11.0	12.0	13.3	14.9	15.7	16.8
36	−0.832	12.190	0.145	9.4	9.8	10.2	11.1	12.2	13.5	15.0	15.9	17.0

SUPPLEMENTAL TABLE 5 Length (Centimeters) for Age for Girls With DS, Ages Birth to 36 Months

Age (mo)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
1	1.957	52.958	0.037	48.8	49.6	50.3	51.6	53.0	54.3	55.5	56.1	56.8
2	1.957	54.934	0.038	50.6	51.4	52.1	53.5	54.9	56.3	57.6	58.2	58.9
3	1.957	56.904	0.038	52.4	53.2	53.9	55.4	56.9	58.3	59.7	60.4	61.1
4	1.957	58.840	0.038	54.1	55.0	55.7	57.3	58.8	60.3	61.8	62.5	63.2
5	1.957	60.704	0.039	55.8	56.7	57.5	59.1	60.7	62.3	63.8	64.5	65.2
6	1.957	62.466	0.039	57.4	58.3	59.1	60.8	62.5	64.1	65.6	66.4	67.2
7	1.957	64.100	0.039	58.8	59.8	60.6	62.4	64.1	65.8	67.4	68.1	69.0
8	1.957	65.594	0.040	60.2	61.2	62.0	63.8	65.6	67.3	69.0	69.8	70.6
9	1.957	66.953	0.040	61.4	62.4	63.3	65.1	67.0	68.7	70.4	71.2	72.1
10	1.957	68.190	0.040	62.4	63.5	64.4	66.3	68.2	70.0	71.8	72.6	73.5
11	1.957	69.318	0.041	63.4	64.5	65.4	67.4	69.3	71.2	73.0	73.8	74.8
12	1.957	70.357	0.041	64.3	65.4	66.4	68.4	70.4	72.3	74.1	75.0	75.9
13	1.957	71.328	0.041	65.2	66.3	67.3	69.3	71.3	73.3	75.2	76.0	77.0
14	1.957	72.244	0.042	66.0	67.1	68.1	70.2	72.2	74.2	76.2	77.0	78.0
15	1.957	73.115	0.042	66.7	67.9	68.9	71.0	73.1	75.1	77.1	78.0	79.0
16	1.957	73.942	0.042	67.4	68.6	69.7	71.8	73.9	76.0	78.0	78.9	80.0
17	1.957	74.729	0.043	68.1	69.3	70.4	72.6	74.7	76.8	78.9	79.8	80.8
18	1.957	75.477	0.043	68.7	70.0	71.0	73.3	75.5	77.6	79.7	80.6	81.7
19	1.957	76.190	0.043	69.3	70.6	71.7	74.0	76.2	78.3	80.4	81.4	82.5
20	1.957	76.872	0.043	69.9	71.2	72.3	74.6	76.9	79.1	81.2	82.2	83.3
21	1.957	77.529	0.043	70.5	71.8	72.9	75.3	77.5	79.7	81.9	82.9	84.0
22	1.957	78.163	0.044	71.0	72.3	73.5	75.9	78.2	80.4	82.6	83.6	84.7
23	1.957	78.774	0.044	71.5	72.9	74.0	76.4	78.8	81.0	83.3	84.3	85.4
24	1.957	79.361	0.044	72.0	73.4	74.6	77.0	79.4	81.7	83.9	84.9	86.1
25	1.957	79.925	0.044	72.5	73.9	75.1	77.5	79.9	82.3	84.5	85.6	86.7
26	1.957	80.465	0.044	73.0	74.4	75.5	78.0	80.5	82.8	85.1	86.2	87.3
27	1.957	80.982	0.045	73.4	74.8	76.0	78.5	81.0	83.4	85.7	86.7	87.9
28	1.957	81.480	0.045	73.8	75.2	76.5	79.0	81.5	83.9	86.2	87.3	88.5
29	1.957	81.964	0.045	74.2	75.7	76.9	79.5	82.0	84.4	86.7	87.8	89.0
30	1.957	82.438	0.045	74.6	76.1	77.3	79.9	82.4	84.9	87.3	88.4	89.6
31	1.957	82.908	0.045	75.0	76.5	77.7	80.4	82.9	85.4	87.8	88.9	90.1
32	1.957	83.377	0.045	75.4	76.9	78.2	80.8	83.4	85.9	88.3	89.4	90.7
33	1.957	83.849	0.046	75.8	77.3	78.6	81.3	83.8	86.4	88.8	89.9	91.2
34	1.957	84.328	0.046	76.2	77.7	79.0	81.7	84.3	86.9	89.3	90.5	91.7
35	1.957	84.819	0.046	76.7	78.2	79.5	82.2	84.8	87.4	89.9	91.0	92.3
36	1.957	85.323	0.046	77.1	78.6	79.9	82.7	85.3	87.9	90.4	91.6	92.9

SUPPLEMENTAL TABLE 6 Head Circumference (Centimeters) for Age for Girls with DS, Aged Birth to 36 Months

Age (mo)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
1	3.049	36.352	0.030	34.0	34.5	34.8	35.6	36.4	37.1	37.8	38.1	38.4
2	3.049	37.148	0.030	34.8	35.2	35.6	36.4	37.1	37.9	38.6	38.9	39.3
3	3.049	37.937	0.030	35.5	36.0	36.4	37.2	37.9	38.7	39.4	39.7	40.1
4	3.049	38.705	0.030	36.2	36.7	37.1	37.9	38.7	39.5	40.2	40.5	40.9
5	3.049	39.436	0.030	36.9	37.4	37.8	38.6	39.4	40.2	41.0	41.3	41.7
6	3.049	40.119	0.030	37.5	38.0	38.4	39.3	40.1	40.9	41.7	42.0	42.4
7	3.049	40.737	0.030	38.1	38.6	39.0	39.9	40.7	41.5	42.3	42.6	43.0
8	3.049	41.282	0.030	38.6	39.1	39.6	40.4	41.3	42.1	42.9	43.2	43.6
9	3.049	41.758	0.030	39.1	39.6	40.0	40.9	41.8	42.6	43.4	43.7	44.1
10	3.049	42.170	0.030	39.5	40.0	40.4	41.3	42.2	43.0	43.8	44.1	44.6
11	3.049	42.526	0.030	39.8	40.3	40.7	41.7	42.5	43.4	44.2	44.5	44.9
12	3.049	42.837	0.030	40.1	40.6	41.0	42.0	42.8	43.7	44.5	44.8	45.3
13	3.049	43.111	0.030	40.3	40.9	41.3	42.2	43.1	44.0	44.8	45.1	45.6
14	3.049	43.352	0.030	40.6	41.1	41.5	42.5	43.4	44.2	45.0	45.4	45.8
15	3.049	43.570	0.030	40.8	41.3	41.7	42.7	43.6	44.4	45.2	45.6	46.0
16	3.049	43.767	0.030	41.0	41.5	41.9	42.9	43.8	44.6	45.5	45.8	46.2
17	3.049	43.949	0.030	41.1	41.7	42.1	43.1	43.9	44.8	45.6	46.0	46.4
18	3.049	44.119	0.030	41.3	41.8	42.3	43.2	44.1	45.0	45.8	46.2	46.6
19	3.049	44.279	0.030	41.4	42.0	42.4	43.4	44.3	45.1	46.0	46.4	46.8
20	3.049	44.428	0.030	41.6	42.1	42.6	43.5	44.4	45.3	46.1	46.5	46.9
21	3.049	44.571	0.030	41.7	42.3	42.7	43.7	44.6	45.4	46.3	46.7	47.1
22	3.049	44.710	0.030	41.8	42.4	42.8	43.8	44.7	45.6	46.4	46.8	47.2
23	3.049	44.847	0.030	42.0	42.5	43.0	43.9	44.8	45.7	46.6	47.0	47.4
24	3.049	44.983	0.030	42.1	42.6	43.1	44.1	45.0	45.9	46.7	47.1	47.5
25	3.049	45.114	0.030	42.2	42.8	43.2	44.2	45.1	46.0	46.9	47.2	47.7
26	3.049	45.237	0.030	42.3	42.9	43.3	44.3	45.2	46.1	47.0	47.4	47.8
27	3.049	45.347	0.030	42.4	43.0	43.5	44.4	45.3	46.2	47.1	47.5	47.9
28	3.049	45.441	0.030	42.5	43.1	43.5	44.5	45.4	46.3	47.2	47.6	48.0
29	3.049	45.521	0.030	42.6	43.2	43.6	44.6	45.5	46.4	47.3	47.7	48.1
30	3.049	45.587	0.030	42.7	43.2	43.7	44.7	45.6	46.5	47.3	47.7	48.2
31	3.049	45.642	0.030	42.7	43.3	43.7	44.7	45.6	46.5	47.4	47.8	48.2
32	3.049	45.683	0.030	42.8	43.3	43.8	44.7	45.7	46.6	47.4	47.8	48.3
33	3.049	45.715	0.030	42.8	43.3	43.8	44.8	45.7	46.6	47.5	47.9	48.3
34	3.049	45.743	0.030	42.8	43.4	43.8	44.8	45.7	46.6	47.5	47.9	48.3
35	3.049	45.772	0.030	42.8	43.4	43.9	44.8	45.8	46.7	47.5	47.9	48.4
36	3.049	45.795	0.030	42.9	43.4	43.9	44.9	45.8	46.7	47.6	47.9	48.4

SUPPLEMENTAL TABLE 7 Weight (Kilograms) for Length (Centimeters) for Girls With DS, Aged Birth to 36 Months

Length (cm)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
52	−1.268	3.631	0.084	3.1	3.2	3.3	3.4	3.6	3.8	4.1	4.2	4.4
53	−1.268	3.850	0.084	3.3	3.4	3.5	3.6	3.8	4.1	4.3	4.5	4.7
54	−1.268	4.092	0.084	3.5	3.6	3.7	3.9	4.1	4.3	4.6	4.8	4.9
55	−1.268	4.335	0.084	3.7	3.8	3.9	4.1	4.3	4.6	4.9	5.0	5.2
56	−1.268	4.579	0.084	3.9	4.0	4.1	4.3	4.6	4.9	5.2	5.3	5.5
57	−1.268	4.823	0.084	4.1	4.2	4.3	4.6	4.8	5.1	5.4	5.6	5.8
58	−1.268	5.069	0.084	4.4	4.5	4.6	4.8	5.1	5.4	5.7	5.9	6.1
59	−1.268	5.316	0.084	4.6	4.7	4.8	5.0	5.3	5.6	6.0	6.2	6.4
60	−1.268	5.565	0.084	4.8	4.9	5.0	5.3	5.6	5.9	6.3	6.5	6.7
61	−1.268	5.816	0.084	5.0	5.1	5.2	5.5	5.8	6.2	6.6	6.8	7.0
62	−1.268	6.068	0.084	5.2	5.3	5.5	5.7	6.1	6.4	6.8	7.1	7.3
63	−1.268	6.322	0.084	5.4	5.6	5.7	6.0	6.3	6.7	7.1	7.4	7.6
64	−1.268	6.578	0.084	5.6	5.8	5.9	6.2	6.6	7.0	7.4	7.7	7.9
65	−1.268	6.835	0.084	5.9	6.0	6.2	6.5	6.8	7.2	7.7	8.0	8.3
66	−1.268	7.092	0.084	6.1	6.2	6.4	6.7	7.1	7.5	8.0	8.3	8.6
67	−1.268	7.350	0.084	6.3	6.5	6.6	7.0	7.4	7.8	8.3	8.6	8.9
68	−1.268	7.609	0.084	6.5	6.7	6.9	7.2	7.6	8.1	8.6	8.9	9.2
69	−1.268	7.868	0.084	6.8	6.9	7.1	7.5	7.9	8.3	8.9	9.2	9.5
70	−1.268	8.126	0.084	7.0	7.2	7.3	7.7	8.1	8.6	9.2	9.5	9.8
71	−1.268	8.384	0.084	7.2	7.4	7.6	7.9	8.4	8.9	9.5	9.8	10.1
72	−1.268	8.642	0.084	7.4	7.6	7.8	8.2	8.6	9.2	9.8	10.1	10.4
73	−1.268	8.900	0.084	7.6	7.8	8.0	8.4	8.9	9.4	10.0	10.4	10.8
74	−1.268	9.157	0.084	7.9	8.1	8.2	8.7	9.2	9.7	10.3	10.7	11.1
75	−1.268	9.412	0.084	8.1	8.3	8.5	8.9	9.4	10.0	10.6	11.0	11.4
76	−1.268	9.667	0.084	8.3	8.5	8.7	9.2	9.7	10.2	10.9	11.3	11.7
77	−1.268	9.920	0.084	8.5	8.7	8.9	9.4	9.9	10.5	11.2	11.5	12.0
78	−1.268	10.173	0.084	8.7	9.0	9.2	9.6	10.2	10.8	11.5	11.8	12.3
79	−1.268	10.423	0.084	8.9	9.2	9.4	9.9	10.4	11.0	11.8	12.1	12.6
80	−1.268	10.673	0.084	9.2	9.4	9.6	10.1	10.7	11.3	12.0	12.4	12.9
81	−1.268	10.922	0.084	9.4	9.6	9.8	10.3	10.9	11.6	12.3	12.7	13.2
82	−1.268	11.170	0.084	9.6	9.8	10.1	10.6	11.2	11.8	12.6	13.0	13.5
83	−1.268	11.417	0.084	9.8	10.1	10.3	10.8	11.4	12.1	12.9	13.3	13.8
84	−1.268	11.664	0.084	10.0	10.3	10.5	11.0	11.7	12.4	13.2	13.6	14.1
85	−1.268	11.911	0.084	10.2	10.5	10.7	11.3	11.9	12.6	13.4	13.9	14.4
86	−1.268	12.158	0.084	10.4	10.7	10.9	11.5	12.2	12.9	13.7	14.2	14.7
87	−1.268	12.405	0.084	10.7	10.9	11.2	11.8	12.4	13.1	14.0	14.4	15.0
88	−1.268	12.651	0.084	10.9	11.1	11.4	12.0	12.7	13.4	14.3	14.7	15.3
89	−1.268	12.898	0.084	11.1	11.4	11.6	12.2	12.9	13.7	14.6	15.0	15.6
90	−1.268	13.137	0.084	11.3	11.6	11.8	12.4	13.1	13.9	14.8	15.3	15.9

SUPPLEMENTAL TABLE 8 Weight (Kilograms) for Age for Boys With DS, Aged Birth to 36 Months

Age (mo)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
0	0.576	3.177	0.151	2.3	2.4	2.6	2.9	3.2	3.5	3.8	4.0	4.2
1	0.559	3.867	0.148	2.8	3.0	3.1	3.5	3.9	4.3	4.7	4.9	5.1
2	0.542	4.562	0.146	3.3	3.5	3.7	4.1	4.6	5.0	5.5	5.7	6.0
3	0.526	5.247	0.144	3.8	4.1	4.3	4.8	5.2	5.8	6.3	6.6	6.9
4	0.511	5.903	0.141	4.3	4.6	4.8	5.4	5.9	6.5	7.1	7.4	7.7
5	0.496	6.504	0.139	4.8	5.1	5.4	5.9	6.5	7.1	7.8	8.1	8.4
6	0.482	7.036	0.138	5.2	5.5	5.8	6.4	7.0	7.7	8.4	8.7	9.1
7	0.469	7.500	0.136	5.6	5.9	6.2	6.8	7.5	8.2	8.9	9.3	9.7
8	0.457	7.902	0.135	5.9	6.3	6.6	7.2	7.9	8.6	9.4	9.8	10.2
9	0.446	8.251	0.134	6.2	6.5	6.9	7.5	8.3	9.0	9.8	10.2	10.6
10	0.436	8.559	0.133	6.5	6.8	7.1	7.8	8.6	9.3	10.1	10.5	11.0
11	0.427	8.834	0.132	6.7	7.0	7.4	8.1	8.8	9.6	10.5	10.9	11.3
12	0.419	9.084	0.131	6.9	7.2	7.6	8.3	9.1	9.9	10.8	11.2	11.7
13	0.412	9.315	0.131	7.1	7.4	7.8	8.5	9.3	10.1	11.0	11.4	11.9
14	0.405	9.531	0.130	7.2	7.6	8.0	8.7	9.5	10.4	11.3	11.7	12.2
15	0.399	9.735	0.130	7.4	7.8	8.1	8.9	9.7	10.6	11.5	11.9	12.5
16	0.393	9.928	0.130	7.6	7.9	8.3	9.1	9.9	10.8	11.7	12.2	12.7
17	0.388	10.112	0.129	7.7	8.1	8.5	9.3	10.1	11.0	11.9	12.4	12.9
18	0.383	10.288	0.129	7.8	8.2	8.6	9.4	10.3	11.2	12.2	12.6	13.2
19	0.378	10.457	0.129	8.0	8.4	8.8	9.6	10.5	11.4	12.4	12.8	13.4
20	0.373	10.620	0.129	8.1	8.5	8.9	9.7	10.6	11.6	12.5	13.0	13.6
21	0.369	10.777	0.129	8.2	8.6	9.0	9.9	10.8	11.7	12.7	13.2	13.8
22	0.365	10.930	0.129	8.3	8.8	9.2	10.0	10.9	11.9	12.9	13.4	14.0
23	0.361	11.080	0.129	8.5	8.9	9.3	10.2	11.1	12.1	13.1	13.6	14.2
24	0.357	11.227	0.129	8.6	9.0	9.4	10.3	11.2	12.2	13.3	13.8	14.4
25	0.353	11.371	0.129	8.7	9.1	9.5	10.4	11.4	12.4	13.4	14.0	14.6
26	0.349	11.513	0.129	8.8	9.2	9.6	10.6	11.5	12.5	13.6	14.1	14.7
27	0.346	11.652	0.129	8.9	9.3	9.8	10.7	11.7	12.7	13.8	14.3	14.9
28	0.342	11.789	0.129	9.0	9.5	9.9	10.8	11.8	12.8	13.9	14.5	15.1
29	0.339	11.922	0.129	9.1	9.6	10.0	10.9	11.9	13.0	14.1	14.6	15.3
30	0.335	12.053	0.129	9.2	9.7	10.1	11.0	12.1	13.1	14.3	14.8	15.4
31	0.332	12.182	0.129	9.3	9.8	10.2	11.2	12.2	13.3	14.4	15.0	15.6
32	0.328	12.308	0.130	9.4	9.9	10.3	11.3	12.3	13.4	14.6	15.1	15.8
33	0.325	12.432	0.130	9.5	10.0	10.4	11.4	12.4	13.5	14.7	15.3	15.9
34	0.322	12.554	0.130	9.6	10.1	10.5	11.5	12.6	13.7	14.9	15.4	16.1
35	0.319	12.674	0.130	9.7	10.2	10.6	11.6	12.7	13.8	15.0	15.6	16.3
36	0.316	12.794	0.130	9.7	10.2	10.7	11.7	12.8	13.9	15.2	15.7	16.4

SUPPLEMENTAL TABLE 9 Length (Centimeters) for Age for Boys With DS, Ages Birth to 36 Months

Age (mo)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
1	0.453	52.632	0.039	48.6	49.3	49.9	51.3	52.6	54.0	55.4	56.1	56.9
2	0.453	55.065	0.040	50.8	51.5	52.2	53.6	55.1	56.5	58.0	58.7	59.5
3	0.453	57.450	0.040	53.0	53.8	54.4	55.9	57.4	59.0	60.5	61.3	62.1
4	0.453	59.745	0.040	55.1	55.9	56.6	58.2	59.7	61.4	63.0	63.8	64.6
5	0.453	61.904	0.040	57.0	57.9	58.6	60.2	61.9	63.6	65.3	66.1	67.0
6	0.453	63.894	0.041	58.8	59.7	60.5	62.2	63.9	65.6	67.4	68.2	69.2
7	0.453	65.702	0.041	60.4	61.4	62.2	63.9	65.7	67.5	69.3	70.2	71.2
8	0.453	67.329	0.041	61.9	62.8	63.7	65.5	67.3	69.2	71.1	72.0	73.0
9	0.453	68.783	0.041	63.2	64.2	65.0	66.9	68.8	70.7	72.6	73.6	74.6
10	0.453	70.090	0.042	64.4	65.4	66.2	68.2	70.1	72.1	74.0	75.0	76.1
11	0.453	71.276	0.042	65.4	66.4	67.3	69.3	71.3	73.3	75.3	76.3	77.4
12	0.453	72.364	0.042	66.4	67.4	68.4	70.3	72.4	74.4	76.5	77.5	78.6
13	0.453	73.375	0.042	67.3	68.4	69.3	71.3	73.4	75.5	77.6	78.6	79.7
14	0.453	74.328	0.043	68.1	69.2	70.2	72.2	74.3	76.5	78.6	79.6	80.8
15	0.453	75.231	0.043	68.9	70.0	71.0	73.1	75.2	77.4	79.6	80.6	81.8
16	0.453	76.086	0.043	69.7	70.8	71.8	73.9	76.1	78.3	80.5	81.6	82.8
17	0.453	76.897	0.043	70.4	71.5	72.5	74.7	76.9	79.1	81.4	82.5	83.7
18	0.453	77.664	0.043	71.1	72.2	73.2	75.4	77.7	79.9	82.2	83.3	84.6
19	0.453	78.391	0.044	71.7	72.9	73.9	76.1	78.4	80.7	83.0	84.1	85.4
20	0.453	79.079	0.044	72.3	73.5	74.5	76.8	79.1	81.4	83.8	84.9	86.2
21	0.453	79.730	0.044	72.9	74.1	75.1	77.4	79.7	82.1	84.5	85.6	86.9
22	0.453	80.350	0.044	73.4	74.6	75.7	78.0	80.3	82.7	85.1	86.3	87.6
23	0.453	80.942	0.044	74.0	75.2	76.2	78.6	80.9	83.3	85.8	86.9	88.3
24	0.453	81.511	0.044	74.5	75.7	76.8	79.1	81.5	83.9	86.4	87.6	88.9
25	0.453	82.057	0.044	74.9	76.2	77.3	79.6	82.1	84.5	87.0	88.2	89.5
26	0.453	82.583	0.045	75.4	76.6	77.8	80.1	82.6	85.1	87.6	88.8	90.1
27	0.453	83.090	0.045	75.8	77.1	78.2	80.6	83.1	85.6	88.1	89.3	90.7
28	0.453	83.580	0.045	76.3	77.5	78.7	81.1	83.6	86.1	88.7	89.9	91.3
29	0.453	84.056	0.045	76.7	78.0	79.1	81.6	84.1	86.6	89.2	90.4	91.8
30	0.453	84.522	0.045	77.1	78.4	79.5	82.0	84.5	87.1	89.7	90.9	92.3
31	0.453	84.979	0.045	77.5	78.8	79.9	82.4	85.0	87.6	90.2	91.4	92.8
32	0.453	85.431	0.045	77.9	79.2	80.4	82.9	85.4	88.0	90.7	91.9	93.4
33	0.453	85.880	0.045	78.3	79.6	80.8	83.3	85.9	88.5	91.2	92.4	93.9
34	0.453	86.328	0.045	78.7	80.0	81.2	83.7	86.3	89.0	91.6	92.9	94.4
35	0.453	86.774	0.046	79.1	80.4	81.6	84.2	86.8	89.4	92.1	93.4	94.9
36	0.453	87.222	0.046	79.5	80.8	82.0	84.6	87.2	89.9	92.6	93.9	95.4

SUPPLEMENTAL TABLE 10 Head Circumference (Centimeters) for Age for Boys With DS, Aged Birth to 36 Months

Age (mo)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
1	3.861	35.904	0.027	33.8	34.2	34.6	35.2	35.9	36.5	37.1	37.4	37.7
2	3.861	37.374	0.027	35.2	35.6	36.0	36.7	37.4	38.0	38.6	38.9	39.2
3	3.861	38.776	0.027	36.5	37.0	37.3	38.1	38.8	39.4	40.1	40.4	40.7
4	3.861	40.036	0.027	37.7	38.2	38.5	39.3	40.0	40.7	41.4	41.7	42.0
5	3.861	41.058	0.027	38.7	39.1	39.5	40.3	41.1	41.8	42.4	42.8	43.1
6	3.861	41.858	0.027	39.4	39.9	40.3	41.1	41.9	42.6	43.3	43.6	43.9
7	3.861	42.465	0.027	40.0	40.5	40.9	41.7	42.5	43.2	43.9	44.2	44.6
8	3.861	42.933	0.027	40.4	40.9	41.3	42.2	42.9	43.7	44.4	44.7	45.1
9	3.861	43.317	0.027	40.8	41.3	41.7	42.5	43.3	44.1	44.8	45.1	45.5
10	3.861	43.645	0.027	41.1	41.6	42.0	42.8	43.6	44.4	45.1	45.4	45.8
11	3.861	43.924	0.027	41.4	41.9	42.3	43.1	43.9	44.7	45.4	45.7	46.1
12	3.861	44.169	0.027	41.6	42.1	42.5	43.4	44.2	44.9	45.7	46.0	46.4
13	3.861	44.386	0.027	41.8	42.3	42.7	43.6	44.4	45.2	45.9	46.2	46.6
14	3.861	44.578	0.027	42.0	42.5	42.9	43.8	44.6	45.4	46.1	46.4	46.8
15	3.861	44.751	0.027	42.2	42.7	43.1	43.9	44.8	45.5	46.3	46.6	47.0
16	3.861	44.907	0.027	42.3	42.8	43.2	44.1	44.9	45.7	46.4	46.8	47.1
17	3.861	45.048	0.027	42.4	42.9	43.4	44.2	45.0	45.8	46.6	46.9	47.3
18	3.861	45.178	0.027	42.6	43.1	43.5	44.4	45.2	46.0	46.7	47.0	47.4
19	3.861	45.298	0.027	42.7	43.2	43.6	44.5	45.3	46.1	46.8	47.2	47.5
20	3.861	45.409	0.027	42.8	43.3	43.7	44.6	45.4	46.2	46.9	47.3	47.7
21	3.861	45.511	0.027	42.9	43.4	43.8	44.7	45.5	46.3	47.1	47.4	47.8
22	3.861	45.611	0.027	43.0	43.5	43.9	44.8	45.6	46.4	47.2	47.5	47.9
23	3.861	45.715	0.027	43.1	43.6	44.0	44.9	45.7	46.5	47.3	47.6	48.0
24	3.861	45.826	0.027	43.2	43.7	44.1	45.0	45.8	46.6	47.4	47.7	48.1
25	3.861	45.941	0.027	43.3	43.8	44.2	45.1	45.9	46.7	47.5	47.8	48.2
26	3.861	46.055	0.027	43.4	43.9	44.3	45.2	46.1	46.9	47.6	48.0	48.3
27	3.861	46.159	0.027	43.5	44.0	44.4	45.3	46.2	47.0	47.7	48.1	48.5
28	3.861	46.250	0.027	43.6	44.1	44.5	45.4	46.3	47.1	47.8	48.2	48.5
29	3.861	46.333	0.027	43.6	44.2	44.6	45.5	46.3	47.1	47.9	48.2	48.6
30	3.861	46.410	0.027	43.7	44.2	44.7	45.6	46.4	47.2	48.0	48.3	48.7
31	3.861	46.483	0.027	43.8	44.3	44.7	45.6	46.5	47.3	48.1	48.4	48.8
32	3.861	46.554	0.027	43.9	44.4	44.8	45.7	46.6	47.4	48.1	48.5	48.9
33	3.861	46.623	0.027	43.9	44.4	44.9	45.8	46.6	47.4	48.2	48.5	48.9
34	3.861	46.689	0.027	44.0	44.5	44.9	45.8	46.7	47.5	48.3	48.6	49.0
35	3.861	46.753	0.027	44.0	44.6	45.0	45.9	46.8	47.6	48.3	48.7	49.1
36	3.861	46.813	0.027	44.1	44.6	45.1	46.0	46.8	47.6	48.4	48.7	49.1

SUPPLEMENTAL TABLE 11 Weight (Kilograms) for Length (Centimeters) for Boys With DS, Aged Birth to 36 Months

Length (cm)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
49	0.353	2.967	0.094	2.4	2.5	2.6	2.8	3.0	3.2	3.4	3.4	3.6
50	0.353	3.231	0.094	2.7	2.8	2.8	3.0	3.2	3.4	3.7	3.8	3.9
51	0.353	3.495	0.094	2.9	3.0	3.1	3.3	3.5	3.7	4.0	4.1	4.2
52	0.353	3.759	0.094	3.1	3.2	3.3	3.5	3.8	4.0	4.2	4.4	4.5
53	0.353	4.023	0.094	3.3	3.4	3.5	3.8	4.0	4.3	4.5	4.7	4.8
54	0.353	4.287	0.094	3.5	3.7	3.8	4.0	4.3	4.6	4.8	5.0	5.1
55	0.353	4.551	0.094	3.7	3.9	4.0	4.3	4.6	4.8	5.1	5.3	5.5
56	0.353	4.816	0.094	4.0	4.1	4.2	4.5	4.8	5.1	5.4	5.6	5.8
57	0.353	5.080	0.094	4.2	4.3	4.5	4.8	5.1	5.4	5.7	5.9	6.1
58	0.353	5.345	0.094	4.4	4.6	4.7	5.0	5.3	5.7	6.0	6.2	6.4
59	0.353	5.610	0.094	4.6	4.8	4.9	5.3	5.6	6.0	6.3	6.5	6.7
60	0.353	5.876	0.094	4.8	5.0	5.2	5.5	5.9	6.3	6.6	6.8	7.0
61	0.353	6.141	0.094	5.1	5.2	5.4	5.8	6.1	6.5	6.9	7.1	7.4
62	0.353	6.406	0.094	5.3	5.5	5.6	6.0	6.4	6.8	7.2	7.4	7.7
63	0.353	6.670	0.094	5.5	5.7	5.9	6.3	6.7	7.1	7.5	7.8	8.0
64	0.353	6.933	0.094	5.7	5.9	6.1	6.5	6.9	7.4	7.8	8.1	8.3
65	0.353	7.195	0.094	5.9	6.1	6.3	6.8	7.2	7.7	8.1	8.4	8.6
66	0.353	7.455	0.094	6.1	6.4	6.6	7.0	7.5	7.9	8.4	8.7	8.9
67	0.353	7.714	0.094	6.3	6.6	6.8	7.2	7.7	8.2	8.7	9.0	9.3
68	0.353	7.972	0.094	6.6	6.8	7.0	7.5	8.0	8.5	9.0	9.3	9.6
69	0.353	8.228	0.094	6.8	7.0	7.2	7.7	8.2	8.8	9.3	9.6	9.9
70	0.353	8.482	0.094	7.0	7.2	7.5	8.0	8.5	9.0	9.6	9.9	10.2
71	0.353	8.735	0.094	7.2	7.5	7.7	8.2	8.7	9.3	9.9	10.2	10.5
72	0.353	8.987	0.094	7.4	7.7	7.9	8.4	9.0	9.6	10.2	10.4	10.8
73	0.353	9.239	0.094	7.6	7.9	8.1	8.7	9.2	9.8	10.4	10.7	11.1
74	0.353	9.490	0.094	7.8	8.1	8.3	8.9	9.5	10.1	10.7	11.0	11.4
75	0.353	9.740	0.094	8.0	8.3	8.6	9.1	9.7	10.4	11.0	11.3	11.7
76	0.353	9.991	0.094	8.2	8.5	8.8	9.4	10.0	10.6	11.3	11.6	12.0
77	0.353	10.243	0.094	8.4	8.7	9.0	9.6	10.2	10.9	11.6	11.9	12.3
78	0.353	10.496	0.094	8.6	9.0	9.2	9.9	10.5	11.2	11.9	12.2	12.6
79	0.353	10.749	0.094	8.8	9.2	9.5	10.1	10.7	11.4	12.2	12.5	12.9
80	0.353	11.003	0.094	9.1	9.4	9.7	10.3	11.0	11.7	12.4	12.8	13.2
81	0.353	11.257	0.094	9.3	9.6	9.9	10.6	11.3	12.0	12.7	13.1	13.5
82	0.353	11.513	0.094	9.5	9.8	10.1	10.8	11.5	12.2	13.0	13.4	13.8
83	0.353	11.769	0.094	9.7	10.0	10.4	11.0	11.8	12.5	13.3	13.7	14.1
84	0.353	12.025	0.094	9.9	10.3	10.6	11.3	12.0	12.8	13.6	14.0	14.4
85	0.353	12.282	0.094	10.1	10.5	10.8	11.5	12.3	13.1	13.9	14.3	14.7
86	0.353	12.539	0.094	10.3	10.7	11.0	11.8	12.5	13.3	14.2	14.6	15.0
87	0.353	12.796	0.094	10.5	10.9	11.3	12.0	12.8	13.6	14.5	14.9	15.4
88	0.353	13.053	0.094	10.7	11.1	11.5	12.3	13.1	13.9	14.8	15.2	15.7
89	0.353	13.310	0.094	11.0	11.4	11.7	12.5	13.3	14.2	15.0	15.5	16.0
90	0.353	13.568	0.094	11.2	11.6	11.9	12.7	13.6	14.4	15.3	15.8	16.3
91	0.353	13.825	0.094	11.4	11.8	12.2	13.0	13.8	14.7	15.6	16.1	16.6
92	0.353	14.082	0.094	11.6	12.0	12.4	13.2	14.1	15.0	15.9	16.4	16.9
93	0.353	14.339	0.094	11.8	12.2	12.6	13.5	14.3	15.3	16.2	16.7	17.2

SUPPLEMENTAL TABLE 12 Weight (Kilogram) for Age for Girls With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile									
				2nd	5th	10th	25th	50th	75th	90th	95th	98th	
2.0	−0.670	10.526	0.141	8.1	8.5	8.8	9.6	10.5	11.6	12.9	13.6	14.4	
2.5	−0.755	11.370	0.143	8.8	9.2	9.5	10.4	11.4	12.6	14.0	14.7	15.7	
3.0	−0.832	12.190	0.145	9.4	9.8	10.2	11.1	12.2	13.5	15.0	15.9	17.0	
3.5	−0.909	13.083	0.147	10.1	10.5	10.9	11.9	13.1	14.5	16.2	17.2	18.4	
4.0	−0.984	14.039	0.150	10.8	11.3	11.7	12.8	14.0	15.6	17.5	18.6	20.0	
4.5	−1.055	15.067	0.154	11.5	12.0	12.5	13.7	15.1	16.8	19.0	20.2	21.9	
5.0	−1.120	16.120	0.158	12.3	12.8	13.3	14.6	16.1	18.0	20.5	21.9	23.8	
5.5	−1.175	17.199	0.163	13.1	13.6	14.2	15.5	17.2	19.3	22.1	23.7	25.9	
6.0	−1.220	18.342	0.168	13.8	14.5	15.0	16.5	18.3	20.7	23.8	25.7	28.2	
6.5	−1.253	19.577	0.174	14.7	15.3	16.0	17.6	19.6	22.2	25.7	27.9	30.9	
7.0	−1.272	20.927	0.180	15.6	16.3	17.0	18.7	20.9	23.8	27.9	30.4	33.9	
7.5	−1.274	22.397	0.187	16.5	17.3	18.0	19.9	22.4	25.7	30.2	33.1	37.2	
8.0	−1.258	23.999	0.195	17.5	18.3	19.2	21.3	24.0	27.7	32.9	36.2	41.0	
8.5	−1.226	25.746	0.202	18.5	19.5	20.4	22.7	25.7	29.8	35.7	39.5	45.0	
9.0	−1.176	27.598	0.210	19.6	20.7	21.7	24.2	27.6	32.2	38.8	43.0	49.3	
9.5	−1.112	29.527	0.217	20.7	21.8	23.0	25.8	29.5	34.6	41.9	46.6	53.5	
10.0	−1.038	31.485	0.224	21.8	23.0	24.3	27.4	31.5	37.0	45.0	50.1	57.6	
10.5	−0.957	33.413	0.230	22.8	24.2	25.5	29.0	33.4	39.4	48.0	53.5	61.3	
11.0	−0.874	35.309	0.235	23.8	25.3	26.8	30.5	35.3	41.8	50.9	56.6	64.6	
11.5	−0.791	37.187	0.239	24.8	26.4	28.0	32.0	37.2	44.1	53.6	59.5	67.7	
12.0	−0.712	39.053	0.241	25.8	27.5	29.2	33.5	39.1	46.3	56.3	62.2	70.5	
12.5	−0.636	40.922	0.242	26.8	28.7	30.5	35.1	40.9	48.5	58.8	64.8	73.1	
13.0	−0.561	42.808	0.243	27.9	29.9	31.8	36.7	42.8	50.7	61.2	67.3	75.5	
13.5	−0.486	44.712	0.242	28.9	31.1	33.1	38.3	44.7	52.9	63.5	69.6	77.7	
14.0	−0.410	46.614	0.241	30.0	32.3	34.5	39.9	46.6	55.1	65.8	71.9	79.8	
14.5	−0.330	48.501	0.240	31.1	33.5	35.8	41.5	48.5	57.1	68.0	74.0	81.7	
15.0	−0.246	50.347	0.238	32.1	34.7	37.1	43.1	50.3	59.2	70.0	76.0	83.5	
15.5	−0.158	52.149	0.236	33.1	35.8	38.4	44.6	52.1	61.1	72.0	77.8	85.1	
16.0	−0.066	53.895	0.234	34.0	36.9	39.6	46.1	53.9	63.0	73.9	79.6	86.7	
16.5	0.028	55.571	0.232	34.8	37.8	40.7	47.6	55.6	64.9	75.6	81.3	88.2	
17.0	0.123	57.172	0.231	35.6	38.8	41.8	49.0	57.2	66.6	77.3	82.8	89.5	
17.5	0.219	58.694	0.229	36.2	39.6	42.8	50.2	58.7	68.2	78.9	84.3	90.8	
18.0	0.315	60.128	0.228	36.8	40.3	43.7	51.5	60.1	69.7	80.4	85.7	92.1	
18.5	0.408	61.472	0.227	37.2	41.0	44.5	52.6	61.5	71.2	81.7	87.0	93.2	
19.0	0.499	62.730	0.226	37.6	41.6	45.3	53.6	62.7	72.5	83.0	88.2	94.2	
19.5	0.587	63.922	0.225	37.9	42.1	46.0	54.6	63.9	73.8	84.2	89.3	95.3	
20.0	0.674	65.063	0.224	38.2	42.6	46.6	55.6	65.1	75.0	85.4	90.4	96.2	

SUPPLEMENTAL TABLE 13 Height (Centimeters) for Age for Girls With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
2.0	1.957	79.361	0.044	72.0	73.4	74.6	77.0	79.4	81.7	83.9	84.9	86.1
2.5	1.957	82.438	0.045	74.6	76.1	77.3	79.9	82.4	84.9	87.3	88.4	89.6
3.0	1.957	85.323	0.046	77.1	78.6	79.9	82.7	85.3	87.9	90.4	91.6	92.9
3.5	1.957	88.601	0.047	79.9	81.5	82.9	85.8	88.6	91.3	94.0	95.2	96.6
4.0	1.957	92.089	0.048	82.9	84.6	86.0	89.1	92.1	95.0	97.8	99.1	100.5
4.5	1.957	95.505	0.048	85.8	87.6	89.1	92.4	95.5	98.5	101.5	102.8	104.4
5.0	1.957	98.615	0.049	88.5	90.3	92.0	95.3	98.6	101.8	104.9	106.3	107.9
5.5	1.957	101.419	0.049	90.9	92.8	94.5	98.0	101.4	104.7	107.9	109.4	111.0
6.0	1.957	104.019	0.050	93.1	95.1	96.9	100.5	104.0	107.4	110.7	112.2	113.9
6.5	1.957	106.532	0.050	95.3	97.4	99.2	102.9	106.5	110.0	113.4	115.0	116.7
7.0	1.957	109.090	0.050	97.6	99.7	101.5	105.4	109.1	112.7	116.2	117.8	119.6
7.5	1.957	111.808	0.050	100.0	102.2	104.1	108.0	111.8	115.5	119.1	120.7	122.6
8.0	1.957	114.754	0.050	102.6	104.8	106.8	110.8	114.8	118.5	122.2	123.9	125.8
8.5	1.957	118.055	0.050	105.6	107.9	109.9	114.0	118.1	121.9	125.7	127.5	129.4
9.0	1.957	121.611	0.050	108.8	111.2	113.2	117.5	121.6	125.6	129.5	131.3	133.3
9.5	1.957	125.314	0.050	112.2	114.6	116.7	121.1	125.3	129.4	133.4	135.2	137.3
10.0	1.957	128.835	0.049	115.4	117.9	120.1	124.5	128.8	133.0	137.1	138.9	141.0
10.5	1.957	131.843	0.049	118.3	120.8	122.9	127.5	131.8	136.1	140.2	142.1	144.2
11.0	1.957	134.302	0.049	120.6	123.1	125.3	129.9	134.3	138.6	142.7	144.6	146.8
11.5	1.957	136.285	0.048	122.5	125.1	127.3	131.8	136.3	140.6	144.8	146.7	148.8
12.0	1.957	137.855	0.048	124.1	126.6	128.8	133.4	137.9	142.2	146.4	148.3	150.4
12.5	1.957	139.081	0.047	125.3	127.8	130.0	134.6	139.1	143.4	147.6	149.5	151.7
13.0	1.957	140.046	0.047	126.2	128.8	131.0	135.6	140.0	144.4	148.6	150.5	152.7
13.5	1.957	140.843	0.047	127.0	129.6	131.8	136.4	140.8	145.2	149.4	151.3	153.5
14.0	1.957	141.517	0.047	127.7	130.3	132.5	137.1	141.5	145.8	150.0	152.0	154.1
14.5	1.957	142.094	0.046	128.3	130.8	133.0	137.6	142.1	146.4	150.6	152.6	154.7
15.0	1.957	142.590	0.046	128.8	131.3	133.5	138.1	142.6	146.9	151.1	153.0	155.2
15.5	1.957	142.985	0.046	129.2	131.7	133.9	138.5	143.0	147.3	151.5	153.4	155.6
16.0	1.957	143.275	0.046	129.5	132.0	134.2	138.8	143.3	147.6	151.8	153.7	155.9
16.5	1.957	143.492	0.046	129.7	132.3	134.5	139.0	143.5	147.8	152.0	153.9	156.1
17.0	1.957	143.667	0.046	129.9	132.4	134.6	139.2	143.7	148.0	152.2	154.1	156.3
17.5	1.957	143.794	0.046	130.0	132.6	134.8	139.3	143.8	148.1	152.3	154.2	156.4
18.0	1.957	143.852	0.046	130.1	132.6	134.8	139.4	143.9	148.2	152.4	154.3	156.5
18.5	1.957	143.912	0.046	130.1	132.7	134.9	139.5	143.9	148.2	152.4	154.4	156.5
19.0	1.957	144.109	0.046	130.3	132.9	135.1	139.7	144.1	148.4	152.6	154.6	156.7
19.5	1.957	144.417	0.045	130.7	133.2	135.4	140.0	144.4	148.7	152.9	154.9	157.0
20.0	1.957	144.766	0.045	131.0	133.6	135.7	140.3	144.8	149.1	153.3	155.2	157.4

SUPPLEMENTAL TABLE 14 Head Circumference (Centimeters) for Age for Girls With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
2.0	1.852	45.441	0.028	42.9	43.34	43.7	44.6	45.4	46.3	47.1	47.46	47.9
2.5	1.852	45.674	0.028	43.1	43.53	43.9	44.8	45.7	46.5	47.3	47.73	48.2
3.0	1.852	45.932	0.028	43.3	43.74	44.2	45.1	45.9	46.8	47.6	48.03	48.5
3.5	1.852	46.190	0.029	43.5	43.96	44.4	45.3	46.2	47.1	47.9	48.33	48.8
4.0	1.852	46.445	0.029	43.7	44.17	44.6	45.5	46.4	47.3	48.2	48.63	49.1
4.5	1.852	46.697	0.030	43.9	44.37	44.8	45.8	46.7	47.6	48.5	48.93	49.4
5.0	1.852	46.945	0.030	44.0	44.57	45.0	46.0	46.9	47.9	48.8	49.22	49.7
5.5	1.852	47.189	0.030	44.2	44.77	45.2	46.2	47.2	48.1	49.1	49.51	50.0
6.0	1.852	47.431	0.031	44.4	44.97	45.4	46.4	47.4	48.4	49.4	49.79	50.3
6.5	1.852	47.669	0.031	44.6	45.16	45.6	46.7	47.7	48.7	49.6	50.07	50.6
7.0	1.852	47.905	0.032	44.8	45.35	45.8	46.9	47.9	48.9	49.9	50.35	50.9
7.5	1.852	48.140	0.032	45.0	45.53	46.0	47.1	48.1	49.2	50.2	50.63	51.2
8.0	1.852	48.372	0.033	45.1	45.72	46.2	47.3	48.4	49.4	50.4	50.91	51.4
8.5	1.852	48.604	0.033	45.3	45.9	46.4	47.5	48.6	49.7	50.7	51.18	51.7
9.0	1.852	48.832	0.033	45.5	46.08	46.6	47.7	48.8	49.9	51.0	51.46	52.0
9.5	1.852	49.056	0.034	45.6	46.26	46.8	47.9	49.1	50.2	51.2	51.72	52.3
10.0	1.852	49.273	0.034	45.8	46.43	47.0	48.1	49.3	50.4	51.5	51.99	52.6
10.5	1.852	49.480	0.035	45.9	46.59	47.1	48.3	49.5	50.6	51.7	52.24	52.8
11.0	1.852	49.676	0.035	46.1	46.73	47.3	48.5	49.7	50.8	52.0	52.48	53.1
11.5	1.852	49.860	0.036	46.2	46.87	47.4	48.7	49.9	51.0	52.2	52.7	53.3
12.0	1.852	50.031	0.036	46.3	47	47.6	48.8	50.0	51.2	52.4	52.92	53.5
12.5	1.852	50.191	0.036	46.4	47.11	47.7	49.0	50.2	51.4	52.6	53.12	53.7
13.0	1.852	50.339	0.037	46.5	47.21	47.8	49.1	50.3	51.6	52.8	53.31	53.9
13.5	1.852	50.477	0.037	46.6	47.3	47.9	49.2	50.5	51.7	52.9	53.49	54.1
14.0	1.852	50.604	0.038	46.7	47.39	48.0	49.3	50.6	51.9	53.1	53.66	54.3
14.5	1.852	50.722	0.038	46.7	47.46	48.1	49.4	50.7	52.0	53.2	53.81	54.5
15.0	1.852	50.830	0.038	46.8	47.52	48.2	49.5	50.8	52.1	53.4	53.96	54.6
15.5	1.852	50.926	0.039	46.8	47.58	48.2	49.6	50.9	52.2	53.5	54.1	54.8
16.0	1.852	51.011	0.039	46.9	47.62	48.3	49.7	51.0	52.3	53.6	54.22	54.9
16.5	1.852	51.083	0.040	46.9	47.65	48.3	49.7	51.1	52.4	53.7	54.33	55.0
17.0	1.852	51.143	0.040	46.9	47.67	48.3	49.8	51.1	52.5	53.8	54.43	55.1
17.5	1.852	51.190	0.041	46.9	47.67	48.4	49.8	51.2	52.6	53.9	54.51	55.2
18.0	1.852	51.226	0.041	46.9	47.67	48.4	49.8	51.2	52.6	54.0	54.58	55.3
18.5	1.852	51.251	0.041	46.8	47.65	48.4	49.8	51.3	52.6	54.0	54.64	55.4
19.0	1.852	51.267	0.042	46.8	47.63	48.3	49.8	51.3	52.7	54.1	54.69	55.4
19.5	1.852	51.278	0.042	46.8	47.6	48.3	49.8	51.3	52.7	54.1	54.74	55.5
20.0	1.852	51.285	0.043	46.7	47.57	48.3	49.8	51.3	52.7	54.1	54.78	55.5

SUPPLEMENTAL TABLE 15 BMI for Age for Girls With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
2.0	−1.934	16.626	0.095	14.2	14.5	14.9	15.7	16.6	17.8	19.2	20.0	21.0
2.5	−1.922	16.689	0.096	14.2	14.5	14.9	15.7	16.7	17.9	19.3	20.2	21.2
3.0	−1.908	16.762	0.099	14.2	14.6	14.9	15.8	16.8	18.0	19.5	20.4	21.5
3.5	−1.894	16.837	0.101	14.2	14.6	14.9	15.8	16.8	18.1	19.7	20.5	21.7
4.0	−1.878	16.921	0.103	14.2	14.6	15.0	15.9	16.9	18.2	19.8	20.8	22.0
4.5	−1.860	17.018	0.106	14.2	14.6	15.0	15.9	17.0	18.4	20.1	21.0	22.3
5.0	−1.839	17.130	0.109	14.3	14.7	15.1	16.0	17.1	18.5	20.3	21.3	22.7
5.5	−1.815	17.257	0.113	14.3	14.7	15.1	16.1	17.3	18.7	20.6	21.7	23.1
6.0	−1.789	17.402	0.117	14.3	14.7	15.2	16.2	17.4	18.9	20.9	22.0	23.6
6.5	−1.759	17.568	0.122	14.3	14.8	15.2	16.3	17.6	19.2	21.3	22.5	24.1
7.0	−1.725	17.756	0.127	14.4	14.9	15.3	16.4	17.8	19.5	21.7	23.0	24.8
7.5	−1.687	17.967	0.132	14.4	14.9	15.4	16.5	18.0	19.8	22.2	23.6	25.5
8.0	−1.646	18.200	0.138	14.5	15.0	15.5	16.7	18.2	20.1	22.7	24.2	26.3
8.5	−1.602	18.456	0.144	14.6	15.1	15.6	16.9	18.5	20.5	23.2	24.9	27.2
9.0	−1.554	18.735	0.151	14.6	15.2	15.7	17.1	18.7	20.9	23.8	25.6	28.1
9.5	−1.502	19.038	0.157	14.7	15.3	15.9	17.3	19.0	21.3	24.5	26.4	29.1
10.0	−1.447	19.365	0.164	14.8	15.4	16.0	17.5	19.4	21.8	25.2	27.2	30.2
10.5	−1.388	19.717	0.170	14.9	15.6	16.2	17.7	19.7	22.3	25.9	28.1	31.3
11.0	−1.325	20.099	0.177	15.0	15.7	16.4	18.0	20.1	22.8	26.7	29.0	32.4
11.5	−1.259	20.515	0.183	15.2	15.9	16.6	18.3	20.5	23.4	27.5	29.9	33.5
12.0	−1.188	20.967	0.189	15.4	16.1	16.8	18.6	21.0	24.0	28.3	30.9	34.6
12.5	−1.113	21.456	0.194	15.5	16.3	17.1	19.0	21.5	24.7	29.1	31.8	35.7
13.0	−1.035	21.986	0.199	15.8	16.6	17.4	19.4	22.0	25.4	30.0	32.8	36.7
13.5	−0.953	22.555	0.203	16.0	16.9	17.7	19.9	22.6	26.1	30.9	33.7	37.7
14.0	−0.868	23.160	0.207	16.3	17.2	18.1	20.3	23.2	26.8	31.8	34.7	38.7
14.5	−0.780	23.796	0.210	16.5	17.5	18.5	20.8	23.8	27.6	32.7	35.6	39.6
15.0	−0.690	24.455	0.213	16.8	17.9	18.9	21.4	24.5	28.4	33.6	36.5	40.5
15.5	−0.598	25.134	0.216	17.1	18.2	19.3	21.9	25.1	29.2	34.5	37.5	41.4
16.0	−0.504	25.827	0.218	17.4	18.6	19.7	22.4	25.8	30.0	35.4	38.4	42.3
16.5	−0.409	26.525	0.220	17.7	18.9	20.1	23.0	26.5	30.9	36.3	39.3	43.1
17.0	−0.314	27.221	0.223	17.9	19.2	20.5	23.5	27.2	31.7	37.2	40.2	44.0
17.5	−0.218	27.911	0.225	18.2	19.6	20.9	24.1	27.9	32.5	38.0	41.0	44.8
18.0	−0.122	28.590	0.227	18.4	19.9	21.3	24.6	28.6	33.3	38.9	41.9	45.6
18.5	−0.026	29.252	0.229	18.6	20.1	21.6	25.1	29.3	34.1	39.7	42.7	46.3
19.0	0.070	29.898	0.231	18.7	20.4	21.9	25.6	29.9	34.8	40.5	43.5	47.1
19.5	0.165	30.527	0.233	18.8	20.6	22.2	26.1	30.5	35.6	41.3	44.2	47.8
20.0	0.260	31.141	0.235	18.9	20.7	22.5	26.5	31.1	36.3	42.1	45.0	48.5

SUPPLEMENTAL TABLE 16 Weight (Kilograms) for Age for Boys With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
2.0	0.357	11.227	0.129	8.6	9.0	9.4	10.3	11.2	12.2	13.3	13.8	14.4
2.5	0.335	12.053	0.129	9.2	9.7	10.1	11.0	12.1	13.1	14.3	14.8	15.4
3.0	0.316	12.794	0.130	9.7	10.2	10.7	11.7	12.8	13.9	15.2	15.7	16.4
3.5	0.296	13.540	0.132	10.3	10.8	11.3	12.4	13.5	14.8	16.1	16.7	17.5
4.0	0.272	14.421	0.134	10.9	11.5	12.0	13.2	14.4	15.8	17.2	17.9	18.7
4.5	0.244	15.519	0.138	11.7	12.3	12.9	14.1	15.5	17.0	18.6	19.3	20.3
5.0	0.211	16.788	0.143	12.5	13.2	13.8	15.2	16.8	18.4	20.2	21.1	22.2
5.5	0.177	18.144	0.149	13.3	14.1	14.8	16.4	18.1	20.0	22.1	23.1	24.3
6.0	0.141	19.510	0.157	14.1	15.0	15.8	17.6	19.5	21.6	24.0	25.1	26.5
6.5	0.105	20.845	0.165	14.9	15.8	16.7	18.7	20.8	23.3	25.9	27.3	28.9
7.0	0.069	22.176	0.174	15.6	16.6	17.5	19.7	22.2	24.9	27.9	29.5	31.3
7.5	0.031	23.598	0.184	16.3	17.4	18.4	20.9	23.6	26.7	30.1	31.9	34.0
8.0	−0.009	25.116	0.194	17.0	18.3	19.4	22.1	25.1	28.6	32.5	34.6	37.1
8.5	−0.051	26.684	0.204	17.8	19.1	20.4	23.3	26.7	30.6	35.1	37.4	40.3
9.0	−0.094	28.231	0.213	18.6	20.0	21.3	24.5	28.2	32.6	37.7	40.3	43.6
9.5	−0.138	29.758	0.222	19.3	20.8	22.3	25.7	29.8	34.6	40.3	43.3	47.1
10.0	−0.184	31.328	0.230	20.2	21.7	23.3	26.9	31.3	36.6	42.9	46.4	50.6
10.5	−0.233	32.985	0.237	21.1	22.7	24.3	28.2	33.0	38.7	45.8	49.6	54.5
11.0	−0.286	34.775	0.243	22.1	23.8	25.5	29.7	34.8	41.0	48.8	53.1	58.6
11.5	−0.343	36.770	0.247	23.3	25.1	26.9	31.3	36.8	43.6	52.2	57.0	63.2
12.0	−0.404	39.001	0.250	24.7	26.7	28.5	33.2	39.0	46.3	55.8	61.1	68.1
12.5	−0.468	41.506	0.250	26.5	28.5	30.5	35.4	41.5	49.4	59.6	65.5	73.3
13.0	−0.535	44.301	0.247	28.6	30.7	32.7	37.8	44.3	52.6	63.7	70.1	78.6
13.5	−0.602	47.266	0.242	30.9	33.1	35.2	40.5	47.3	56.0	67.7	74.5	83.8
14.0	−0.669	50.198	0.235	33.3	35.6	37.8	43.2	50.2	59.2	71.4	78.6	88.3
14.5	−0.734	52.932	0.227	35.8	38.1	40.3	45.9	52.9	62.1	74.5	81.9	91.9
15.0	−0.795	55.349	0.218	38.0	40.4	42.6	48.2	55.3	64.6	77.1	84.5	94.7
15.5	−0.851	57.423	0.210	40.1	42.4	44.7	50.3	57.4	66.7	79.1	86.5	96.7
16.0	−0.901	59.186	0.203	41.8	44.2	46.4	52.1	59.2	68.4	80.8	88.1	98.2
16.5	−0.945	60.664	0.198	43.4	45.7	47.9	53.6	60.7	69.8	82.1	89.5	99.5
17.0	−0.983	61.875	0.193	44.6	46.9	49.2	54.8	61.9	71.0	83.3	90.5	100.6
17.5	−1.014	62.827	0.190	45.6	47.9	50.2	55.8	62.8	71.9	84.1	91.4	101.4
18.0	−1.039	63.548	0.187	46.3	48.7	50.9	56.5	63.5	72.6	84.8	92.0	102.0
18.5	−1.057	64.075	0.185	46.9	49.2	51.5	57.1	64.1	73.1	85.3	92.5	102.4
19.0	−1.070	64.446	0.183	47.3	49.6	51.9	57.4	64.4	73.5	85.6	92.8	102.7
19.5	−1.079	64.693	0.183	47.6	49.9	52.1	57.7	64.7	73.7	85.8	93.0	102.9
20.0	−1.084	64.846	0.182	47.7	50.0	52.3	57.9	64.8	73.9	85.9	93.1	103.0

SUPPLEMENTAL TABLE 17 Height (Centimeters) for Age for Boys With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
2.0	0.453	81.511	0.044	74.5	75.7	76.8	79.1	81.5	83.9	86.4	87.6	88.9
2.5	0.453	84.522	0.045	77.1	78.4	79.5	82.0	84.5	87.1	89.7	90.9	92.3
3.0	0.453	87.222	0.046	79.5	80.8	82.0	84.6	87.2	89.9	92.6	93.9	95.4
3.5	0.453	89.966	0.046	81.9	83.3	84.5	87.2	90.0	92.8	95.6	96.9	98.5
4.0	0.453	92.864	0.047	84.4	85.9	87.2	90.0	92.9	95.8	98.7	100.1	101.7
4.5	0.453	96.039	0.047	87.2	88.8	90.1	93.1	96.0	99.1	102.2	103.6	105.3
5.0	0.453	99.492	0.048	90.3	91.9	93.3	96.4	99.5	102.7	105.9	107.4	109.2
5.5	0.453	103.057	0.048	93.4	95.1	96.6	99.8	103.1	106.4	109.8	111.4	113.2
6.0	0.453	106.618	0.048	96.6	98.3	99.9	103.2	106.6	110.1	113.6	115.3	117.2
6.5	0.453	109.994	0.049	99.5	101.4	103.0	106.4	110.0	113.6	117.3	119.0	121.0
7.0	0.453	113.134	0.049	102.3	104.2	105.9	109.5	113.1	116.9	120.7	122.5	124.5
7.5	0.453	116.108	0.049	105.0	106.9	108.6	112.3	116.1	120.0	123.9	125.7	127.9
8.0	0.453	118.903	0.049	107.5	109.5	111.2	115.0	118.9	122.9	126.9	128.8	131.0
8.5	0.453	121.473	0.049	109.8	111.8	113.6	117.5	121.5	125.5	129.6	131.6	133.8
9.0	0.453	123.774	0.049	111.9	113.9	115.8	119.7	123.8	127.9	132.1	134.1	136.3
9.5	0.453	125.896	0.049	113.8	115.9	117.8	121.8	125.9	130.1	134.3	136.3	138.7
10.0	0.453	127.967	0.049	115.7	117.8	119.7	123.8	128.0	132.2	136.5	138.6	140.9
10.5	0.453	130.074	0.049	117.6	119.8	121.7	125.9	130.1	134.4	138.7	140.8	143.2
11.0	0.453	132.308	0.049	119.7	121.9	123.8	128.0	132.3	136.7	141.1	143.2	145.6
11.5	0.453	134.804	0.049	122.0	124.3	126.2	130.5	134.8	139.2	143.7	145.8	148.3
12.0	0.453	137.688	0.048	124.8	127.0	129.0	133.3	137.7	142.2	146.7	148.9	151.3
12.5	0.453	140.900	0.048	127.8	130.1	132.1	136.4	140.9	145.4	150.0	152.2	154.7
13.0	0.453	144.212	0.047	130.9	133.2	135.3	139.7	144.2	148.8	153.5	155.7	158.2
13.5	0.453	147.259	0.047	133.9	136.2	138.2	142.7	147.3	151.9	156.6	158.8	161.4
14.0	0.453	149.772	0.046	136.3	138.6	140.7	145.2	149.8	154.4	159.1	161.4	164.0
14.5	0.453	151.719	0.046	138.2	140.5	142.6	147.1	151.7	156.4	161.1	163.4	165.9
15.0	0.453	153.148	0.045	139.6	142.0	144.0	148.6	153.1	157.8	162.6	164.8	167.4
15.5	0.453	154.182	0.045	140.6	143.0	145.1	149.6	154.2	158.8	163.6	165.8	168.4
16.0	0.453	154.895	0.045	141.4	143.7	145.8	150.3	154.9	159.6	164.3	166.5	169.1
16.5	0.453	155.347	0.045	141.8	144.2	146.2	150.8	155.3	160.0	164.8	167.0	169.6
17.0	0.453	155.599	0.045	142.1	144.4	146.5	151.0	155.6	160.3	165.0	167.2	169.8
17.5	0.453	155.703	0.045	142.2	144.5	146.6	151.1	155.7	160.4	165.1	167.3	169.9
18.0	0.453	155.734	0.045	142.2	144.5	146.6	151.1	155.7	160.4	165.1	167.4	169.9
18.5	0.453	155.846	0.045	142.3	144.7	146.7	151.3	155.8	160.5	165.2	167.5	170.1
19.0	0.453	156.016	0.044	142.5	144.8	146.9	151.4	156.0	160.7	165.4	167.7	170.2
19.5	0.453	156.239	0.044	142.7	145.1	147.1	151.7	156.2	160.9	165.6	167.9	170.4
20.0	0.453	156.491	0.044	143.0	145.3	147.4	151.9	156.5	161.2	165.9	168.1	170.7

SUPPLEMENTAL TABLE 18 Head Circumference (Centimeters) for Age for Boys With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
2.0	5.251	45.873	0.028	42.9	43.5	44.0	45.0	45.9	46.7	47.5	47.8	48.2
2.5	5.383	46.361	0.028	43.3	43.9	44.4	45.4	46.4	47.2	48.0	48.3	48.7
3.0	5.437	46.643	0.028	43.6	44.2	44.7	45.7	46.6	47.5	48.3	48.6	49.0
3.5	5.456	46.846	0.029	43.7	44.4	44.9	45.9	46.8	47.7	48.5	48.8	49.2
4.0	5.455	47.075	0.029	43.9	44.6	45.1	46.1	47.1	47.9	48.7	49.1	49.5
4.5	5.421	47.410	0.029	44.2	44.9	45.4	46.5	47.4	48.3	49.1	49.5	49.9
5.0	5.329	47.847	0.029	44.6	45.3	45.8	46.9	47.8	48.7	49.6	49.9	50.3
5.5	5.170	48.286	0.029	45.0	45.7	46.2	47.3	48.3	49.2	50.0	50.4	50.8
6.0	4.963	48.661	0.029	45.4	46.0	46.6	47.7	48.7	49.6	50.4	50.8	51.2
6.5	4.761	48.917	0.029	45.6	46.3	46.8	47.9	48.9	49.8	50.7	51.1	51.5
7.0	4.586	49.093	0.030	45.8	46.5	47.0	48.1	49.1	50.0	50.9	51.3	51.7
7.5	4.423	49.237	0.030	46.0	46.6	47.1	48.2	49.2	50.2	51.1	51.5	51.9
8.0	4.265	49.364	0.030	46.1	46.7	47.3	48.4	49.4	50.3	51.2	51.6	52.1
8.5	4.101	49.486	0.030	46.2	46.9	47.4	48.5	49.5	50.4	51.3	51.7	52.2
9.0	3.951	49.592	0.030	46.3	47.0	47.5	48.6	49.6	50.6	51.5	51.9	52.3
9.5	3.798	49.693	0.030	46.4	47.1	47.6	48.7	49.7	50.7	51.6	52.0	52.4
10.0	3.617	49.808	0.030	46.6	47.2	47.7	48.8	49.8	50.8	51.7	52.1	52.6
10.5	3.379	49.952	0.030	46.7	47.3	47.8	48.9	50.0	50.9	51.9	52.3	52.8
11.0	3.059	50.137	0.030	46.9	47.5	48.0	49.1	50.1	51.1	52.1	52.5	53.0
11.5	2.633	50.374	0.030	47.2	47.8	48.3	49.3	50.4	51.4	52.3	52.8	53.3
12.0	2.105	50.651	0.030	47.5	48.0	48.5	49.6	50.7	51.7	52.7	53.1	53.6
12.5	1.490	50.955	0.031	47.8	48.4	48.9	49.9	51.0	52.0	53.0	53.5	54.0
13.0	0.769	51.312	0.031	48.2	48.7	49.2	50.3	51.3	52.4	53.4	53.9	54.5
13.5	−0.032	51.717	0.031	48.6	49.2	49.6	50.7	51.7	52.8	53.9	54.4	55.0
14.0	−0.814	52.094	0.031	49.0	49.5	50.0	51.0	52.1	53.2	54.3	54.9	55.5
14.5	−1.501	52.400	0.031	49.4	49.9	50.3	51.3	52.4	53.5	54.7	55.3	56.0
15.0	−2.063	52.636	0.031	49.6	50.1	50.6	51.6	52.6	53.8	55.0	55.6	56.3
15.5	−2.554	52.842	0.031	49.8	50.3	50.8	51.8	52.8	54.0	55.2	55.9	56.6
16.0	−2.994	53.029	0.032	50.0	50.5	51.0	52.0	53.0	54.2	55.5	56.1	56.9
16.5	−3.355	53.183	0.032	50.2	50.7	51.1	52.1	53.2	54.4	55.7	56.3	57.1
17.0	−3.640	53.306	0.032	50.3	50.8	51.2	52.2	53.3	54.5	55.8	56.5	57.3
17.5	−3.826	53.386	0.032	50.4	50.9	51.3	52.3	53.4	54.6	55.9	56.6	57.4
18.0	−3.902	53.419	0.032	50.5	50.9	51.4	52.3	53.4	54.6	56.0	56.6	57.5
18.5	−3.932	53.431	0.032	50.5	50.9	51.4	52.4	53.4	54.6	56.0	56.7	57.5
19.0	−3.965	53.446	0.032	50.5	51.0	51.4	52.4	53.4	54.6	56.0	56.7	57.5
19.5	−3.995	53.459	0.032	50.5	51.0	51.4	52.4	53.5	54.7	56.0	56.7	57.5
20.0	−4.024	53.471	0.032	50.5	51.0	51.4	52.4	53.5	54.7	56.0	56.7	57.5

SUPPLEMENTAL TABLE 19 BMI for Age for Boys With DS, Aged 2 to 20 Years

Age (y)	L	M	S	Percentile								
				2nd	5th	10th	25th	50th	75th	90th	95th	98th
2.0	−1.435	16.777	0.098	14.1	14.5	14.9	15.8	16.8	18.0	19.4	20.2	21.1
2.5	−1.435	16.784	0.098	14.1	14.5	14.9	15.8	16.8	18.0	19.4	20.2	21.2
3.0	−1.435	16.792	0.099	14.1	14.5	14.9	15.8	16.8	18.0	19.4	20.2	21.2
3.5	−1.435	16.802	0.099	14.1	14.5	14.9	15.8	16.8	18.0	19.5	20.2	21.2
4.0	−1.435	16.820	0.100	14.1	14.5	14.9	15.8	16.8	18.0	19.5	20.3	21.3
4.5	−1.435	16.850	0.101	14.1	14.5	14.9	15.8	16.8	18.1	19.6	20.4	21.4
5.0	−1.435	16.892	0.102	14.1	14.5	14.9	15.8	16.9	18.1	19.7	20.5	21.5
5.5	−1.435	16.949	0.104	14.1	14.5	14.9	15.9	16.9	18.2	19.8	20.6	21.7
6.0	−1.435	17.023	0.107	14.1	14.6	15.0	15.9	17.0	18.3	20.0	20.8	22.0
6.5	−1.435	17.114	0.110	14.1	14.6	15.0	16.0	17.1	18.5	20.2	21.1	22.3
7.0	−1.435	17.229	0.113	14.2	14.6	15.0	16.0	17.2	18.7	20.4	21.4	22.7
7.5	−1.435	17.371	0.118	14.2	14.6	15.1	16.1	17.4	18.9	20.8	21.8	23.2
8.0	−1.435	17.545	0.123	14.2	14.7	15.1	16.2	17.5	19.1	21.1	22.3	23.8
8.5	−1.435	17.753	0.129	14.3	14.8	15.2	16.4	17.8	19.5	21.6	22.8	24.5
9.0	−1.435	17.996	0.135	14.3	14.8	15.3	16.5	18.0	19.8	22.2	23.5	25.3
9.5	−1.435	18.270	0.141	14.4	15.0	15.5	16.7	18.3	20.2	22.7	24.2	26.2
10.0	−1.435	18.577	0.147	14.5	15.1	15.6	16.9	18.6	20.7	23.4	25.0	27.3
10.5	−1.435	18.915	0.154	14.7	15.2	15.8	17.2	18.9	21.1	24.1	25.9	28.4
11.0	−1.435	19.284	0.160	14.8	15.4	16.0	17.5	19.3	21.6	24.9	26.8	29.6
11.5	−1.435	19.686	0.165	15.0	15.6	16.3	17.8	19.7	22.2	25.7	27.8	30.8
12.0	−1.435	20.122	0.170	15.2	15.9	16.5	18.1	20.1	22.8	26.5	28.8	32.1
12.5	−1.435	20.596	0.175	15.5	16.2	16.8	18.5	20.6	23.4	27.3	29.8	33.4
13.0	−1.435	21.107	0.178	15.8	16.5	17.2	18.9	21.1	24.0	28.2	30.9	34.8
13.5	−1.435	21.651	0.181	16.2	16.9	17.6	19.4	21.7	24.7	29.1	31.9	36.0
14.0	−1.435	22.212	0.182	16.6	17.3	18.0	19.9	22.2	25.4	30.0	32.9	37.2
14.5	−1.435	22.774	0.183	17.0	17.7	18.5	20.3	22.8	26.1	30.8	33.8	38.3
15.0	−1.435	23.320	0.184	17.4	18.1	18.9	20.8	23.3	26.7	31.5	34.7	39.3
15.5	−1.435	23.836	0.184	17.7	18.5	19.3	21.3	23.8	27.3	32.2	35.4	40.2
16.0	−1.435	24.319	0.184	18.1	18.9	19.7	21.7	24.3	27.8	32.9	36.1	41.0
16.5	−1.435	24.767	0.183	18.4	19.3	20.1	22.1	24.8	28.3	33.5	36.8	41.7
17.0	−1.435	25.175	0.183	18.8	19.6	20.4	22.5	25.2	28.8	34.0	37.3	42.3
17.5	−1.435	25.539	0.182	19.0	19.9	20.7	22.8	25.5	29.2	34.4	37.8	42.8
18.0	−1.435	25.859	0.182	19.3	20.2	21.0	23.1	25.9	29.5	34.8	38.2	43.2
18.5	−1.435	26.140	0.181	19.5	20.4	21.2	23.4	26.1	29.9	35.2	38.6	43.6
19.0	−1.435	26.388	0.181	19.7	20.6	21.4	23.6	26.4	30.1	35.5	38.9	44.0
19.5	−1.435	26.611	0.181	19.9	20.8	21.6	23.8	26.6	30.4	35.8	39.2	44.3
20.0	−1.435	26.814	0.180	20.0	20.9	21.8	24.0	26.8	30.6	36.0	39.5	44.6